# All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-F-0002 CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

U.S.ARMY RESEARCH INSTITUTE OF ENVIRONMENTAL MEDICINE 15 KANSAS STREET, BLDG 42 NATICK, MA 01760

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A)

A.

B. Number of animals upon which teaching, animals being animals upon which experiments, research, surgery or tests were used in the animals and for which the use of appropriate

F. Number of animals upon which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate

OF ANIMALS

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A)	
A.  Animals Covered By The Animal Welfare Regulations .	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs				T-12-2-2-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs		2			2
12. Other Farm Animals					
13. Other Animals					
·					

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executive	e Officer or Legally Responsible Institutional official)	
I certify that the	above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		12/12/2002

ASSURANCE STATEMENTS

See attached form for additional information

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-F-0010

CUSTOMER NUMBER: 645

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

National Marine Fisheries Service Aquarium 166 Water Street

Woods Hole, MA 02543

Telephone: (999) -999-9999

508 495-2229 508 495-2267

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	JSED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	I sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs				·	
5. Cats	-				
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Harbar seal			0	O	: [

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other	r aspects of animal care and
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
	DATE SIGNED
	10/8/02

Tins report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0003

CUSTOMER NUMBER: 100

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Dana-Farber Cancer Institute 44 Binney St

One Jimmy Fund Way Boston, MA 02115

Telephone: (617) -632-3488

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs	0	76			76
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep				·	
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Mice	7500	53346	11250	0	. 64596
Rats	20	156	312	0	468
Frog	219	204			156

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official.)

12/12/02

DATE SIGNED

S

# APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0003

Customer Number:

100

Facility:

DANA-FARBER CANCER INSTITUTE

44 BINNEY ST

ONE JIMMY FUND WAY BOSTON, MA 02115 (617) 632-3488

ANIMAL RESOURCES FACILITY 44 BINNEY ST SMITH RESEARCH BLDG, RM 1170 BOSTON, MA 02215

MD ANDERSON CANCER CENTER DEPT. OF VETERINARY SERVICES BASTROP, TX .

TULANE REGIONAL PRIMATE CENTER 18073 THREE RIVERS ROAD COVINGTON, LA 70433

MILLBROOK/IMMUNOSERV P.O. BOX 513 AMHERST, MA 01004

Taconic, Inc. 273 Hover Ave. Germantown, NY 12526-5320

Charles River Laboratories 251 Ballardvale St. Wilmington, MA01887

See attached form DCT 0 3 2002 Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0004

CUSTOMER NUMBER: 101

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Pine Acres Rabbitry/Farm 299 E. Main Street Norton, MA 02766

Telephone: (508) -285-7391

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	Y	COH FACILITY ( Attach addition.	al sheets if necessary or use APHIS Form 7023A \	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	36	每 -	416	_	416
5. Cats	_	_	_	_	_
6. Guinea Pigs	_	_	8		8
7. Hamsters	_	_	_		_
8. Rabbits	197	-	1484		1484
9. Non-human Primate		_	_	_	
10. Sheep	16	-	23	_	23
11. Pigs	47		148		148
12. Other Farm Animals					
13. Other Animais					
MICE"	17	_	2943		2943
RAIS	3		1116		1116

## **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

DATE SIGNED

9.26.02

See reverse side for

Interagency Report Control No

additional information. REGISTRATION NO. 14-R-0006

FORM APPROVED

OMB NO. 0579-0036 NOV 29 2002

0180-DOA-AN

# All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. PRIMEDICA CORPORATION

CUSTOMER NO.

Div. of Charles River Laboratories, Inc. 57 Union Street

102

Worcester, MA 01608

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites) - See Attached Listing

# Report for Oct 1, 2001 -Oct 31, 2001

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cots. C + D + E)
4. Dogs			34		34
5. Cats					
6. Guinea Pigs					
7. Hamsters			202		202
8. Rabbits					
9. Non-Human Primates		9	36	·	45
10. Sheep					
11. Pigs			44		44
12. Other Farm Animals					
13. Other Animals					
					•

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143) NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

T 1 -HEADQUARTERS

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information



UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0009

CUSTOMER NUMBER: 105

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Boston University Medical School 715 Albany Street, W-707 Boston, MA 02118

Telephone: (617) -638-4089

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary )

#### FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS L	USED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY / Attach additiona	al sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs	Ø	Ø	Ø	Ø	Ø
5. Cats	Ø	Ø	28	Ø	28
6. Guinea Pigs	Ø	2	Ø	Ø	2
7. Hamsters	Ø	Ø	119	Ø	119
8. Rabbits	Ø	110	135	Ø	245
9. Non-human Primate	14	2	57	Ø	73
10. Sheep	Ø	Ø	Ø	Ø	Ø
11. Pigs	Ø	$\phi$	72	Ø	72
12. Other Farm Animals	Ø	Ø	Ø	Ø	Ø
13. Other Animals					
chinchillas	Ø	Ø	236	Ø	236
chinchillas ferrets	Ø	2	Ø	Ø	2

# ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATU

DATE SIGNED

11-26-02

Interagency Report Control No.:

This report is required by law (7 USC 2143). Failure to report according to the regulations can

additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0010

CUSTOMER NUMBER: 106

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Schepens Eye Research Institute, The 20 Staniford Street Boston, MA 02114

Telephone: (617) -912-0100

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

# FACILITY LOCATIONS (Sites) - See Atached Listing

A.	B. Number of	C. Number of	D. Number of animals	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y€	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs	0	0	00	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	26	0	0	26
7. Hamsters	0 ·	0	0	0	0
8. Rabbits	1	131	89	0	2 20
9. Non-human Primate	0	0	2	0	2
10. Sheep	0	0	0	0	0
I1. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
3. Other Animals					
					•
1					

## **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

> DATE SIGNED 11/25/02

# APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0010

Customer Number:

106

Facility:

SCHEPENS EYE RESEARCH INSTITUTE, THE

20 STANIFORD STREET BOSTON, MA 02114

(617) 742-3140 912-0100

SCHEPENS EYE RESEARCH INSTITUTE, THE 20 STANIFORD STREET BOSTON, MA 02114

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

## All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

- 1) Center for Biomedical Research Building 720 Cambridge St., Boston, MA 02135
- Pine Acres Rabbitry/Farm
   E. Main St., Norton, MA 02766

1. CERTIFICATE NUMBER: 14-R-0013

CUSTOMER NUMBER: 99

FORM APPROVED OMB NO. 0579-0036

St. Elizabeth'S Medical Center Of Boston 736 Cambridge Street

Boston, MA 02135

NOV 2 1 2002

Telephone: <del>(617) -789-5050</del>

(617) 789-3189

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

## FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	59	0	59
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	34	0	34
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Rats	25	0	1,132	0	1,132
Mice	1,450	0	1,600	0	1,600

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATUR

APHIS FOR

(AUG

DATE SIGNED

1

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0016

CUSTOMER NUMBER: 110

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

L C F Foundation, Inc. Lahey Medical Center 41 Mall Road Burlington, MA 01805

Telephone x x //8/1 x x //4/4 x 3//1/3

(781) 744-1439

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0
0	0	0	0	
0			<del></del>	0
	0	0	T	
0			0	0
	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	20	0	20
0	0	6	0	6
0	0	0	0	
	0	0 0	0 0 6	0 0 6 0

## ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
SIGNATURE OF A FO OR WATER TOWN OFFICEN	TYPE OF C.E.O. OF WORTHTONN OFFICIAL (Type or Print	DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.

(AUG 91)

# 3. Reporting Facility

Lahey Medical Center Research Laboratory 41 Mall Road Burlington, MA 01805

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See attached form for additional information Interagency Report Contro

FORM APPROVED

OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

DEC 1 6 2002 ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. CERTIFICATE NUMBER: 14-R-0017

CUSTOMER NUMBER: 112 Mailing addresss

**Boston University** Charles River Campus 5 Cummington Street Boston, MA 02215

Physical Address Boston UNiv. Charles River Campus 590 Commonwealth Ave. Boston, MA 02215

Telephone: (617) -353-2463

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

## FACILITY LOCATIONS (Sites) - See Alached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs	1	10			10
7. Hamsters	0	98			98
8. Rabbits					
9. Non-human Primate			·		
10. Sheep					
11. Pigs	.•				
12. Other Farm Animals					
13. Other Animals					
gerbils	6	12			12
ferrets	4		33		33

# **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestatic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION B	Y HEADQUARTERS RESE	ARCH FACILITY OFFICIAL
( Chief Executive (	Officer or Legally Responsib	ole Institutional Official )

INAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print

DATE SIGNED

12/11/02

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0018 CUSTOMER NUMBER: 114

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Massachusetts Institute Of Technology Office Of Sponsored Programs 77 Massachusetts Avenue Cambridge, MA 02139

Telephone: (617) -253-2492

NOV 2 1 2002

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Alached Listing

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	CH FACILITY / Attach additiona	I sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEI OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats		. 0	15		15
6. Guinea Pigs		3	3	·	6
7. Hamsters		41	0		41
8. Rabbits		11	279	7	290
9. Non-human Primate		0	67		67
10. Sheep		0	6		6
11. Pigs		0	23		23
2. Other Farm Animals					
13. Other Animals					
Ferrets		0	78		· 78

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a bnef explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

1420018

Address of research buildings on the MIT Campus where animals are housed.

- 1. Building 56, 8<sup>th</sup> floor 20 Ames Street Cambridge, MA 02139
- Building 68, Sub-basement
   Ames Street
   Cambridge, MA 02139
- 3. Building E17/18, 6<sup>th</sup> floor 400 Ames Street Cambridge, MA 02139
- 4. Building E25, basement 400 Ames Street Cambridge, MA 02139

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0019

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Harvard Medical School Ctr. for Animal Resources & Comparative Medicine 665 Huntington Avenue Boston, MA 02115

ORIGINAL

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

#### **FACILITY LOCATIONS (Sites)**

See attached.

See attached.

Status: Active

A.  Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving drugs.	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	F.  TOTAL NO. OF ANIMALS  (Cois. C + D + E)
4. Dogs	0	0	151	0	151
5. Cats	0	0	128	0	128
6. Guinea Pigs	0	1	42	0	43
7. Hamsters	0	248	540	0	788
8. Rabbits	0 .	64	1160	0	1224
9. Non-human Primates	1734	22	781	0	803
10. Sheep	o	0	479	0	479
11. Pigs	0	0	2223	0	2223
12. Other Farm Animals					
Chicken	0	705	0	0	705
Goat	0	0	1	0	1
13. Other Animals					
Gerbil	0	40	0	0	40
Ferrets	0	0	72	0	72
—Birds (wild eaught)	0	16	0	0	16
Degus	0	0	39	0	39
Mice (deer)	0	109	0	0	109

Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

Each principal investigator has considered alternatives to painful procedures.

This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

11/25/02

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL

# **FACILITY SITES LISTING**

Licensee/Registrant Name:

Harvard Medical School

Center for Animal Resources & Comparative Medicine

License/Registration Number:

1

14-R-019

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Center for Animal Resources

& Comparative Medicine (ARCM)

Address:

Boston MA 02115

(a) Building(s): ARCM/Central - HSPH/Bldgs. I&II

665 Huntington Avenue

Floor/Room:

Ground and Basement Levels

Contact Person: Phone Number:

(b) Building(s): ARCM/Seeley G. Mudd Building and Harvard

Center for Minimally Invasive Surgery

250 Longwood Avenue

Floor/Room:

Contact Person:

Phone Number:

Contact Person: Phone Number:

(c)

Building(s):

ARCM/Warren Alpert Building

200 Longwood Avenue

Floor/Room:

Contact Person:

Lower Level

Lower Level

Phone Number:

(d)

Building:

ARCM/Harvard Institutes of Medicine

77 Avenue Louis Pasteur

Floor/Room:

Contact Person:

Phone Number:

Lower Level

Site No.:

17

Name/Department:

Address:

New England Regional Primate Research Center

One Pine Hill Drive

Southboro, MA 01772

Building(s):

Main Building and Three Out Buildings

Floor/Room: Contact Person:

Basement and Ground Floors

Phone Number:

# **FACILITY SITES LISTING**

Licensee/Registrant Name:

Harvard Medical School

Center for Animal Resources & Comparative Medicine

License/Registration Number:

14-R-019

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

18

Name/Department:

USDA Registration No.:

Address:

Building: Floor/Room:

Contact Person: Phone Number:

artment: ARCM/Thorn (satellite)

14-R-092

20 Shattuck Street, Boston MA 02115

Thorn Building 15th Floor

Site No.:

21

Name/Department:

Pine Acres Rabbitry/Farm (satellite - swine/dog housing

only)

USDA Registration No:

OJDA Registration No

Address: Building: Floor/Room:

Contact Person: Phone Number:

14-B-52

299 East Main Street, Norton MA 02766

Main Building

First Floor

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0021 CUSTOMER NO. 118

FORM APPROVED OMB NO. 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

NORTHEASTERN UNIVERSITY

BOSTON, MA 02115

HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
 NORTHEASTERN UNIVERSITY

DIV. OF LABORATORY ANIMAL MEDICINE 21 MUGAR LIFE SCIENCES BLDG, 360 HUNTINGTON AVE

BOSTON, MA 02115-5000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of D. Number of animals upon E. Number of animals upon which teaching animals being animals upon which experiments experiments, research, surgery or tests were Animals Covered conducted involving accompanying pain or distress TOTAL NO. bred. which teaching. teaching, research, to the animals and for which the use of appropriate By The Animal conditioned, or research, surgery, or tests were OF ANIMALS Welfare Regulations held for use in experiments, or conducted involving anesthetic, analgesic, or tranquilizing drugs would (Cols. C+ teaching, testing, tests were accompanying pain or have adversely affected the procedures results or interpretation of the teaching, research. experiments, conducted distress to the animals D + E) research, or and for which appropriate experiments, surgery, or tests. (An explanation of involving no surgery but not yet used for such pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used tranquilizing drugs were use of painpurposes relieving drugs must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 830 842 12 Hamsters 7 29 8. Rabbits 22 9. Non-Human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals Wild Rodents 41

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional official)  I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)		DATE SIGNED		
			10/08/2002		

APHIS FORM 7023 (AUG 91)

**ASSURANCE STATEMENTS** 

(Replaces VS FORM 18-23 (Oct 88), which is obsolete

PART 1 - HEADQUARTERS

# APHIS Form 7023 Additional Reported Sites

The following additional sites have been reported by the facility. The reported sites have not been verified by APHIS and have been provided by the facility solely for completeness of the APHIS Form 7023 Annual Reporting submission.

Registration Number:

14-R-0021

Customer Number:

118

Facility:

NORTHEASTERN UNIVERSITY

DIV. OF LABORATORY ANIMAL MEDICINE

21 MUGAR LIFE SCIENCES BLDG, 360 HUNTINGTON AVE

BOSTON, MA 02115-5000

Northeastern University 360 Huntington Avenue Nightingale Hall, 3rd Floor Boston, Mass. 02115 Northeastern University 360 Huntington Avenue Richards Hall, 4th Floor Boston, Mass. 02115

See attached form for additional information

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0022

CUSTOMER NUMBER: 119

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Massachusetts Eye & Ear Infirmary 243 Charles Street Boston, MA 02114

Telephone: (617) -573-3178

DEC 16 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs	0		0		0
5. Cats	36		36		36
6. Guinea Pigs	140		140		140
7. Hamsters	0		0		0
8. Rabbits	254		254		254
9. Non-human Primate	29		29		29
10. Sh <del>ee</del> p	0		0		0
11. Pigs	0		0		0
12. Other Farm Animals	0		0		0
Chinchillas	22		22		22
13. Other Animals					
ì		<b>\</b>			

## **ASSURANCE STATEMENTS**

- 1) Professionalty acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legalty Responsible Institutional Official)

DATE SIGNED

957 3

200 See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0025

CUSTOMER NUMBER: 121

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Holyoke Community College Veterinary & Animal Science 303 Homestead Avenue Holyoke, MA 01040

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (413) -538-7000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Holyoke Community College Kennel & MRB Building FACILITY LOCATIONS (Sites) - See Atached Listing

E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEF OF ANIMALS  (COLUMNS C+D+E)
	9
	9
	4
	0
	6
	3
	<u> </u>

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

e or Print

DATE SIGNED

See attached form for

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0029

CUSTOMER NUMBER: 125

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

New England Aquarium 177 Milk Street Boston, MA 02110

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -973-5200

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Marine Mammal Department - Discovery Ship

Animal Care Center

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBE OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs		relieving drugs.			
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
0. Sheep					
1. Pigs					
12. Other Farm Animals					
3. Other Animals		1			
Ifornia	4	2	0	0	. 2
lions Ifornia	2	2	0	0	2
otters bor seals	7	2	0	0	2

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

10/23/**d**2



All redactions on this page are pursuant to (b)(6) & (b)(7)(c).



# Brandeis University

Office of Sponsored Programs

Mailstop 116 P.O. Box 549110 02454-9110

781-736-2121 781-736-2123 Fax Waltham, Massachusetts 781-736-3009 TTY/TDD

November 4, 2002

Elizabeth Goldentyer, D.V.M.

Regional Director - Animal Care Eastern Region 920 Main Campus Drive Suite 200 Unit 3040 Raleigh, NC 27606-5213

Re Annual Report – Brandeis University

Registration No: 14-R-0030

Dear Dr. Goldentyer:

Enclosed you will find two copies of the above referenced report signed on behalf of in accordance with the Animal Brandeis University by Welfare Act.

If you have any questions regarding our report, please contact this office at

Sincerely,



Enc. APHIS Form 7023

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0030 . CUSTOMER NUMBER: 126

FORM APPROVED OMB NO. 0579-0036

ADUKO E ...... 7000 A 1

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Brandeis University

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Brandeis University
Office Of Sponsored Programs
Grant, Contract & Patent Admin
P.O. Box 9110
Mail Stop 116
Waltham, MA 02254

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters	260	48	0		48
8. Rabbits	0	11	0		11
9. Non-human Primate					0
10. Sheep					0
I1. Pigs					0
12. Other Farm Animals					0
13. Other Animals					
Gerbils	0	117	0		117
Gray Squirr	els O	0	55		55

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGN

DATE SIGNED 11/4/02

DCT 28 2002 See attached form for additional information Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0031

CUSTOMER NUMBER: 127

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Acambis, Inc. 38 Sidney Street

Cambridge, MA 02139

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -494-1339

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS I	USED BY OR UNDER O	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	I sheets if necessary or use APHIS Form 7023A )	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, expeniments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			28		28
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				·	g <sup>E</sup>

## **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTE (Chief Executive Officer or Legally	RS RESEARCH FACILITY OFFICIAL Responsible Institutional Official )	
SIGNA		IAL (Type or Print	DATE SIGNED

# APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0031

Customer Number:

127

Facility:

ACAMBIS, INC. 38 SIDNEY STREET CAMBRIDGE, MA 02139

(617) 494-1339

ACAMBIS, INC. 38 SIDNEY STREET CAMBRIDGE, MA 02139

See attached form for additional information Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 14-R-0032

CUSTOMER NUMBER: 514

FORM APPROVED OMB NO. 0579-0036

Shriners Burns Institute

Shriners Hospitals For Children 51 Blossom Street Boston, MA 02114

Telephone: (617) -371-4900

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS (	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	al sheets if necessarv or use APHIS Form 7023A \	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			71		71
9. Non-human Primate					
10. Sheep			10		10
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					,

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

CNATURE OF CEO. OR INSTITUTIONAL OFFICIAL

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFF	CIAL
( Chief Executive Officer or Legally Responsible Institutional Official)	)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL / Type or Print

DATE SIGNED

2 Now 02

This report is required by law (7 USC 2143). Failure to report according to the regulations can

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0036

CUSTOMER NUMBER: 515

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

University Of Massachusetts At Amherst Animal Care Office

512 Goodell Building Amherst, MA 01003

Telephone: (413) -545-0668

## FACILITY LOCATIONS (Sites) - See Atached Listing

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

•	2	C. Number of	D. Number of animals	E	F.
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters , Syrian	148	131	632	0	763
8. Rabbits	15	5	61	0	66
9. Non-human Primate	0	7	0	0	7
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals					
Horse	8	0	1	0	1
13. Other Animals					
lamsters,siberi	an 214	94	262	0	356
Cattle	0	24	0	0	24
Gerbil	17	·· o	91	0	91

# ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL		
SIGN		e or Print	DATE SIGNED
			11/26/02

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

reverse side for additional information Interagency Report Control No. 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

REPORT OF ANIMALS USED BY OF	B. Number of	C Number of		E. Number of animals upon which teaching,	1_
Animals Covered By The Animal Welfare Regulations  12. &/OR 13. Other	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
(List by species)	purposes.	relieving drugs.	used.	must be attached to this report).	
Tropical Hare	0	1	0	0	1
Mongolian Gazelle	0	39	0	0	39
Opossums	0	50	0	0 -	50
Star Nosed Moles	0	4	0	0	4
Beaver	0	28	0	0	28
Whitetail Deer	0	17	0	0	17
Prairie Vole	340	447	204	0	651
Pine Vole	0	27	0	0	27
Meadow Vole	0	2	0	0	2
Deer Mouse	0	6	0	0	6
Short Tailed Shrew	0	5	0	0	5

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.

ASSURANCE STATEMENTS

- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

	Biningi Care 200 G2	•		
		CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
ŀ	sic		or Print	DATE SIGNED
				11/1/62
				11/26/02
			D 4 0 T 4 .	HEADOMARTERS

# Facility locations for Item #3:

Animal Care facilities:

Central Animal Care
Tobin Hall
Bartlett Hall
Morrill Science 2 South
Morrill Science 4 North
Thayer Laboratory
Hadley Livestock Facility
South Deerfield Facility

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. CERTIFICATE NUMBER: 14-R-0038

CUSTOMER NUMBER: 132

FORM APPROVED OMB NO. 0579-0036

Williams College P.O. Box 666

Williamstown, MA 01267

NOV 2 1 2002

Telephone: (413) -597-4352

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Morley Science Laboratories 31 Morley Drive, Williamstown, MA

FACILITY LOCATIONS (Sites) - See Atached Listing 01267

Animals Covered By The Animal Welfare Regulations		Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye		Number of animals upon which teaching, research, expenments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	U.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a		Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBE OF ANIMALS  ( COLUMN
4. Dogs									0
5. Cats									0
6. Guinea Pigs	1								0
7. Hamsters									0
8. Rabbits									0
9. Non-human Primate		- <del>//</del>							0
0. Sheep									0
1. Pigs							T		0
2. Other Farm Animals	-								0
3. Other Animals							-		0
			-						,
	-						-		

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICE	AL
( Chief Executive Officer or Legally Responsible Institutional Official )	

SIGNA

Type or Print

DATE SIGNED 11/19/0

OCT 강제 2002 See attached form for additional information

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0041

CUSTOMER NUMBER: 133

FORM APPROVED OMB NO. 0579-C036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Becker College 61 Sever Street Worcester, MA 01609

Telephone: (508) -791-9241

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Becker College, Lentest Animal Health Building

955 Main Street, Leicester, MA FACILITY LOCATIONS (Sites) - See Atached Listing 955 Main Street, Leicester, MA  $_{
m O1524}$ 

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, expeniments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anestheuc, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs	2	6	18		26
5. Cats	0	0	12		12
6. Guinea Pigs	0	20	0		20
7. Hamsters	0	0	0		0
8. Rabbits	0	0	6		6
9. Non-human Primate	0	0	0		0
10. Sheep	0	0	0		0
11. Pigs	0	0	0		0
12. Other Farm Animals	0	0	0		0
13. Other Animals	0	0	0		0

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNA

DATE SIGNED

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0042

CUSTOMER NUMBER: 122

FORM APPROVED OMB NO. 0579-0036

NOV 1 200

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Cytogen Research & Development, Inc. 89 Bellevue Hill Road

West Roxbury, MA 02132

Telephone: (617) -325-7774

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

## FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY ( Attach additiona	al sheets if necessary or use APHIS Form 7023A )	-
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expeniments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs					
5. Cats				·	
6. Guinea Pigs					
7. Hamsters	195	15	8	0	218
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					.*

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFF	ICIAL
( Chief Executive Officer or Legally Responsible Institutional Official	)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

DATE SIGNED 11/7/02



See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0047

CUSTOMER NUMBER: 455

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

( TYPE OR PRINT )

Ariad Pharmaceuticals, Inc. 26 Landsdowne Street Cambridge, MA 02139

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -494-0400

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

26 Landsdowne St.

FACILITY LOCATIONS (Sites) - See Atached Listing

Cambridge, MA 02139

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs					0
5. Cats					0
6. Guinea Pigs		2			2
7. Hamsters					0
8. Rabbits		6		,	6
9. Non-human Primate				·	0
I0. Sheep					0
11. Pigs					0
2. Other Farm Animals					0
3. Other Animals					0
				·	,

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0050 CUSTOMER NO. 135

FORM APPROVED OMB NO: 0579-0036

# ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

BOSTON COLLEGE CHESTNUT HILL, MA 02467 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

BOSTON COLLEGE
OFFICE OF SPONSORED PROGRAMS
SERVICE BUILDING, SECOND FLOOR
CHESTNUT HILL, MA 02467

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS(sites)

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned or held for use in teaching, testing, experiments, research, or surgery but not	C. Number of animals upon which teaching research, experiments, or tests were conducted involving no pain, distress, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
• •	yet used for such purposes.	use of pain- relieving drugs.	tranquilizing drugs were used.	animals and the reasons such drugs were not used must be attached to this report)	
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs			·		
12. Other Farm Animals					
13. Other Animals					
				·	,

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL								
(Chief Executive Officer or Legally Responsible Institutional official)								
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)								
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED						
		11/27/2002						

This report is required by law (7 USC 2143). Failure to report according to the regulations

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0052

CUSTOMER NUMBER: 469

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142

Telephone: (617) <del>-679-2754</del> 914-7016

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which expenments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATURE OF C

DATE SIGNED

APHIS FORM 7023 ( AUG 91 )

### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0052

Customer Number:

469

Facility:

Biogen, Inc.

14 Cambridge Center Cambridge, MA 02142

Building Bio 6 Building Bio 8

See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0056

CUSTOMER NO. 475

FORM APPROVED OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USQA, include Zip Code)

EPIX MEDICAL, INC. 71 ROGERS STREET CAMBRIDGE, MA 02142 (617) 499-1400

DEC 1 0 2002

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach addition. sheets if necessary.) FACILITY LOCATIONS(sites)

See Attached Listing

EPIX MEDICAL - Animal Facility &

Pharmacology Labs - 65 Rogers Street

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic.analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	6	0	6
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	168	0	168
9. Non-Human Primates	0	0	0	0	0,
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
					ř
ASSURANCE STATEMENTS					

#### 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ve Officer or Legally Responsible Institutional official)	
, - · · · · · · · · · · · · · · · · · ·	e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		09/02
		HADTEDS

<sup>2)</sup> Each principal investigator has considered alternatives to painful procedures.

<sup>3)</sup> This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

<sup>4)</sup> The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other ers of animal care and use

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0061

CUSTOMER NUMBER: 136

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Smith College Clark Science Center/Smith College Northampton, MA 01063

Telephone: (413) -585-3959

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

Site listed above.

A.  Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y∈	C.	Number of animals upon which teaching, research, expenments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEI OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs			1		_				
5. Cats					-		T		
6. Guinea Pigs									
7. Hamsters	L			89		23	$\prod$		112
8. Rabbits							$\prod$		
9. Non-human Primate							T		
10. Sheep							Ι		
11. Pigs							Π		
12. Other Farm Animals									
13. Other Animals	-		_		<u> </u>		-		
Ferrets				2		19	T		,21
Deer Mice						236	T	**************************************	236
ite Footed Mic	e					91	1		91

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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_	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )		
SIGNA		e or Print	DATE SIGNED

APHIS FORM 7023 (Replaces VS FORM 18-23 (OCT 88), WIICHIS

( AUG 91 )



November 12, 2002

Clark Science Center
College Lane
Smith College
Northampton, Massachusetts 01063
T (413) 585-3804
F (413) 585-3786

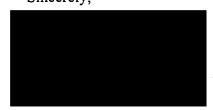
Elizabeth Goldentyer, D.V. M. Eastern Regional Office USDA/APHIS/Animal Care 920 Main Campus Drive, Suite 200 Raleigh, NC 27606-5213

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Dear Dr. Goldentyer:

Please find the enclosed research facility annual report for Smith College. Feel free to contact me should you need any additional information.

Sincerely,



See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0062

CUSTOMER NUMBER: 534

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Millbrook Immunoserv P.O. Box 513 Amherst, MA 01004 OCT 28 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (413) -253-5083

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

A	B. Number of	C. Number of	D. Number of animals	F Number of paints and the latest to the	F.
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	450	25	250		275
9. Non-human Primate					
10. Sheep					
11. Pigs	0	0	0		0
12. Other Farm Animals					·
Goats	5.2	32			32
13. Other Animals					
					,

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

DATE SIGNED

10/25/02

MILLBROOK IMMUNOSERV #14-R-0062

3. REPORTING FACILITY LOCATIONS

Rabbit Research Facility (RRF)

Rabbit Breeding Facility 1 (RBF1)

Rabbit Breeding Facility 2 (RBF2)

Research Goat Facility (RGF)

Research Pig Facility (RPF)

2992See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0064

CUSTOMER NUMBER: 717

FCRM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Geltex Pharmaceuticals, Inc. 153 Second Ave Waltham, MA 02451

Telephone: (617) -290-5888

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		64	0	O	64
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED 10-21-0

This report is required by law (7 USC 2143). Failure to report according to the regulations can

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0066

CUSTOMER NUMBER: 721

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Embryotech Laboratories, Inc. 323 Andover Street Wilmington, MA 01887

Telephone: (978) -658-4600

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

Animals Covered conditioned, or lessarch, research, surgery, or to the animals and for which the use of appropriate Sy The Animal Welfare Regulations Leaching, teaching, conducted lests were conducted anesthetic, analgesic, or tranquilizing angles would have adversely affected the procedures, results, or lests were involving have adversely affected the procedures, results, or conducted involving intercretation of the teaching research, experiments.	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )									
	animals bred, condition mail held for ations teaching testing, experim research	Animals Covered By The Animal	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or	animals upon which teaching, iesearch, experiments, or tests were conducted involving no pain, distress, or use of pain-	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)			
5. Cats		Dogs								
		Cats								
6. Guinea Pigs		Guinea Pigs								
7. Hamsters 161 623 623	161	Hamsters	161	623			623			
8. Rabbits		Rabbits								
9. Non-human Primate	'rimate	Non-human Prima								
10. Sheep		Sheep								
11. Pigs		Pigs								
12. Other Farm Animals	nimals	Other Farm Anim								
13. Other Animals	3	Other Animals								

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

DATE SIGNED

additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0068 CUSTOMER NUMBER: 137

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Worcester Polytechnic Institute 100 Institute Road Worcester, MA 01609

Telephone: (508) -831-5000

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

WPI Animal Facility, SL 313-319

can

REPORT OF ANIMALS	USEI	BY OR UNDER	CONT	ROL OF RESEAR	CH F	ACILITY ( Attach additiona	l sh	eets if necessarv or use APHIS Form 7023A)	
A.  Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C+D+E)
4. Dogs			ĺ						
5. Cats									
6. Guinea Pigs									
7. Harristers									
8. Rabbits									
9. Non-human Primate									
10. Sheep				•					
11. Pigs									·
12. Other Farm Animals									
13. Other Animals									
Rats						178			1.78
Mice			_			62			62

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

See attached form for additional information

Interagency Report Control No.:

united states department of agriculture animal and plant health inspection service OCT 07 2002

ANNUAL REPORT OF RESEARCH FACILITY
( TYPE OR PRINT )

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. CERTIFICATE NUMBER: 14-R-0071

CUSTOMER NUMBER: 128

FORM APPROVED OMB NO. 0579-0036

Joslin Diabetes Center, Inc. Elliott P. Joslin Research Lab One Joslin Place Boston, MA 02215

Telephone: (617) -732-2474

<del>\(\text{\text{0}}\)</del>

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Islet Transplantation and

FACILITY LOCATIONS (Sites) - See Atached Listing

Cell Biology Section

A.	B. Number of	C. Number of	D. Number of animals	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Weifare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			·		
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs		4			4
12. Other Farm Animals					
3. Other Animals					
					,•

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIA	L
( Chief Executive Officer or Legally Responsible Institutional Official )	

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

DATE SIGNED

10/3/07

See attached form for additional information Interagency Report Cont

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0074

CUSTOMER NUMBER: 756

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Gte Biotherapeutics-

GTC Biotherapeutics One-Mountain Road 175 Crossing Boulevard Framingham, MA 01702

Telephone: (508) -661-8003

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Goats	984		1053		1053
13. Other Animals					
					1.5

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	_	
	rpe or Print	DATE SIGNED
		10-51-2002

#### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0074

Customer Number:

756

Facility:

GENZYME TRANSGENICS CORPORATION

GAGRANATAUOM-BAG

FRAMINGHAM, MA-01701

GTC Biotherapeutics 175 Crossing Boulevard Framingham, MA 01702

LOUSIANA STATE UNIV/DEPT. OF ANIMAL SCIENCE ST GABRIEL RESEARCH STATION P O BOX 34 ST GABRIEL, LA 70776

TUFTS UNIVERSITY, SCHOOL OF VETERINARY MEICINE 200 WESTBORO RD (LAB ANIMAL MEDICINE) PEABODY PAVILLION (GOAT BARN) NORTH GRAFTON, MA 01536

GENZYME TRANSGENIGS CORPORATION

87 NEW SPENCER ROAD

PO-BOX 202

CHARLTON, MA-01507

GTC Biotherapeutics Farm

300 Charlton Road Spencer, MA 01562

TRANS OVA GENETICS GENETICS ADVANCE CNTR NORTH 2938 3080TH STREET SIOUX CITY, IA 51250

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0081 FORM APPROVED OMB NO 0579-0036

All redactions on this page are pursuant to (b)(6) & (b)(7)

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

University of Massachusetts Lowell Research Foundation

600 Suffolk Street – 2<sup>nd</sup> Floor South Lowell, MA 01854 DEC 1 2002

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)
 Weed Hall, South Campus and Olsen Building, North Campus

FACILITY LOCATIONS (Sites)

Center for Chronic Disease Control, Room 305, Weed Hall, Solomont Way, Univ. of Massachusetts Lowell, Lowell, MA 01854

A.  Animals Covered  By The Animal  Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F.  TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	-	:	1,250		1,250
8. Rabbits					·
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				·	

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) this facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspect of animal care and use.

CERTIFICATION	BY	HEAD(	QUAR	TERS	RESEARC	H FA	ACIL	ITY	( O	FF	<b>TCIAL</b>
	_		_								• •

Officer or Legally Responsible Institutional Official)

DATE SIGNED

PART I - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0082

CUSTOMER NUMBER: 140

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Tufts- New England Medical Center, Inc. 171 Harrison Avenue, Nemc #112 Boston, MA 02111

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -636-5615

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

#### FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEF OF ANIMALS  ( COLUMNS
4. Dogs	0	0	87	0	87
5. Cats	0	0	4	0	4
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	00	2	0	0	2
8. Rabbits	0	17	176	0	193
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	22	0	22
I1. Pigs	0	0	222	0	222
12. Other Farm Animals	0	0	0	0	0
3. Other Animals	0	0	0	0	0

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
s		r Print	DATE SIGNED
			1/26/02

## Tufts-New England Medical Center

## Location of Animal Facilities

Stearns-Arnold

Ziskind

## Location of Research Laboratories

M&V

South Cove

Stearns-Arnold

Tupper

Ziskind

75 Kneeland

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0083

CUSTOMER NUMBER: 705

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

New England College Of Optometry

424 Beacon Street Boston, MA 02115

OCT 21 2002

Telephone: (617) -236-6227

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate	21	0	25	0	25
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Chicks	0	0	166	0	166
13. Other Animals					
Ruts	170	0	496	0	.476

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

( Chief Executive Officer or Legally Responsible Institutional Official )

APHIS FORM 7023

DATE SIGNED

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.

See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0086

CUSTOMER NUMBER: 142

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

21-C Olympia Avenue Woburn, MA 01801

Biotek, Inc.

OCT 21 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (781) -938-0938

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

#### FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal	B. Number of animals being bred, conditioned, or held for use in	C. Number of animals upon which teaching, research, experiments, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would	F.  TOTAL NUMBER  OF ANIMALS
Welfare Regulations	teaching, testing, experiments, research, or surgery but not ye	tests were conducted involving no pain, distress, or use of pain- relieving drugs.	involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	(COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs				·	
7. Hamsters					
8. Rabbits		77	92		169
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					e e

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY (	OFFICIAL
( Chief Executive Officer or Legally Responsible Institutional Officer	cial )

SIG

DATE SIGNED

10/10/q

APHI

(AUG 91)

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0089

CUSTOMER NUMBER: 516

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Boston Biomedical Research Institute 64 Grove Street

Watertown, MA 02472

Telephone: (617) -658-7807

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

### FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER (	CONTROL OF RESEAR	RCH FACILITY / Attach addition	al sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	none	1	none	none	1
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
	·				
13. Other Animals					
ferrets	none	107	none	none .	: 107

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	( Chief Executive Officer or Legally Responsible Institutional Official )	
SIGNA	FICIAL (Type or Print	DATE SIGNED
		10-15.00

additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

can

1. CERTIFICATE NUMBER: 14-R-0090

CUSTOMER NUMBER: 134

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

777 Dedham Street Newton, MA 02459 928

Mount Ida College

Telephone: (617) -989-4545

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

#### FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USE	D BY OR UNDER (	CONT	ROL OF RESEAR	CH F	ACILITY ( Attach additiona	l st	neets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	c.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, expenments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEI OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs						32			32
5. Cats						24			24
6. Guinea Pigs						3			3_
7. Hamsters						8			8
8. Rabbits						8			8
9. Non-human Primate									
10. Sheep									
11. Pigs							L		
12. Other Farm Animals									
13. Other Animals									
									,
								İ	

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	The education of the formal action and the second at the s	
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)	·
5	SIG	DATE SIGNED

### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0090

Customer Number:

134

Facility:

MOUNT IDA COLLEGE 777 DEDHAM STREET

NEWTON, MA 02459

(617) 969-7000 (617) 928-4545

KENNEL BLDG 777 DEDHAM RD. NEWTON, MA 02159

Laboratory Animal Care Facility 777 Dedham Road Newton, MA 02459

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO 14-R-0092 FORM APPROVED OMB NO. 0579-0036

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

#### ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Brigham & Women's Hospital 75 Francis Street Boston, MA 02115 Status: Active

with the USDA, include Sip Code)

additional information C# 144

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered

ORIGINAL

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

#### **FACILITY LOCATIONS (sites)**

See Attached Listing

See Attached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving drugs.	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs	0	5	37	0	42
5. Cats	0	0	0	0	. 0
6. Guinea Pigs	0	428	1560	0	1988
7. Hamsters	0	28	1536	0	1564
8. Rabbits	0	87	1370	0	1457
9. Non-human Primates	12	0	34	0 .	34
10. Sheep	0	0	0	0	0
11. Pigs	0	2	277	0	279
12. Other Farm Animals					
13. Other Animals		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			

#### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, 1) during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures. 2)
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the 3) principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive Officer or L	UARTERS RESEARCH FACILITY OFFICIAL Legally Responsible Institutional Official) correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

11/26/01

### **FACILITY SITES LISTING**

Licensee/Registrant Name:

Brigham & Women's Hospital

License/Registration Number:

14-R-0092

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Center for Animal Resources & Comparative Medicine (ARCM)

at Brigham & Women's Hospital

Address:

Boston, MA 02115

(1) Building:

Floor/Room:

ARCM/Thorn Building - 20 Shattuck Street 20 Shattuck Street - 16th Floor

Contact Person:

Phone Number:

(2) Building:

Floor/Room:

Contact Person:

Phone Number:

ARCM/Longwood Medical Research Center (LMRC)

220 Longwood Avenue - Ground Level

(3) Building:

Floor/Room:

Contact Person:

Phone Number:

ARCM/Massahusetts College of Pharmacy (MCP)

One Palace Road - Lower Level

Site No.:

3 Name/Department:

USDA Registration No:

Address: Building:

Floor/Room:

Contact Person:

Phone Number:

14-B-0052

299 East Main Street, Norton MA 02766

Pine Acres Rabbitry/Farm (SATELLITE)

Main Building

First Floor

### **FACILITY SITES LISTING**

Licensee/Registrant Name:

Brigham & Women's Hospital

License/Registration Number:

7

14-R-092

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

HMS/ARCM - Seeley G. Mudd (SATELLITE)

USDA Registration No.:

14-R-019

Address:

250 Longwood Avenue, Boston MA 02115

Building:

Seeley G. Mudd Building

Floor/Room: Contact Person:

Phone Number:

Basement Level

Site No.:

Name/Department:

HMS/ARCM - Central (SATELLITE)

USDA Registration No.:

14-R-019

Address: Building: Floor/Room: 665 Huntington Avenue, Boston MA 02115 Harvard School of Public Health - Bldg. II

Contact Person: Phone Number: Ground and Basement Levels

Site No.:

8 Name/Department: HMS/ARCM - HIM (SATELLITE)

USDA Registration No.:

Address:

Building:

Floor/Room:

77 Avenue Louis Pasteur, Boston MA 02115 Harvard Institutes of Medicine

Ground and Basement Levels

Contact Person:

Phone Number:

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150. See reverse side for additional information

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0094

CUSTOMER NO.

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

See Attached Listing

include Zip Code) WELLESLEY COLLEGE 106 CENTRAL STREET WELLESLEY, MA 02481

(617) 283-3000

REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	SSBIY OF USB APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			4		4
9. Non-Human Primates					
10. Sheep					
11. Pigs				'	
12. Other Farm Animals	·	<b>.</b>			
13. Other Animals					
					, ,
ASSUBANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executiv	re Officer or Legally Responsible Institutional official)
I certify that the	e above is true, correct, and complete (7 U.S.C. Section 2143)
GNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED 10Z

### APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

14-R-0094

Customer Number:

145

Facility:

. . . . .

WELLESLEY COLLEGE

106 CENTRAL STREET WELLESLEY, MA 02481

(617) 283-3000

WELLESLEY COLLEGE 106 CENTRAL AVENUE WELLESLEY, MA 02481

See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. CUSTOMER NO. 14-R-0096 146

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

include Zip Code)

MC LEAN HOSPITAL CORPORATION

MCLEAN HOSPITAL CORPORATION

115 MILL STREET

BELMONT, MA 02478-9106

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

MC LEAN HOSPITAL BELMONT, MA 02178 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of C. Number of D. Number of animals upon E. Number of animals upon which teaching. animals being animals upon which experiments. experiments, research, surgery or tests were Animals Covered TOTAL NO bred, which teaching. teaching, research. conducted involving accompanying pain or distress By The Animal conditioned, or to the animals and for which the use of appropriate research, surgery, or tests were OF ANIMALS conducted involving Welfare Regulations held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would teaching, testing, tests were accompanying pain or have adversely affected the procedures, results, or (Cols. C+ experiments, conducted distress to the animals interpretation of the teaching, research, D + E) research, or and for which appropriate experiments, surgery, or tests. (An explanation of involving no surgery but not pain, distress, or anesthetic, analgesic, or the procedures producing pain or distress in these animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report) 4. Dogs 5. Cats 6. Guinea Pigs 7 Hamsters 8. Rabbits 9. Non-Human Primates 131 131 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals ASSURANCE STATEMENTS

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS(sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL				
(Chief Executive Officer or Legally Responsible Institutional official)				
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)				
		10/24/2002		
		10/24/2002		

NOV 2 5 2002 See attached form for additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0107

CUSTOMER NUMBER: 150

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Center For Blood Research, The 800 Huntington Avenue Boston, MA 02115

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -731-6470

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

The Center for Blood Research, Inc. 800 Huntington Ave., Boston, MA (FACILITY LOCATIONS (Sites) - See Atlached Listing First & Second Floor rodent rooms

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs	0	0	0	0	U
5. Cats	· 0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
				·	>

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACIL ( Chief Executive Officer or Legally Responsible Institutional		
	Type or Print	DATE SIGNED

### FACILITY SITES LESTING

### All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Licensee/Registrant Name: Uti	TICK FOR BLOOD RESEARCH, INC.
(cense/Registration Number:	14-R- 0107
are to include all requested in	house regulated animals under the above number. Be formation. If the line does not apply, please mark tree (3) sites copy this form as many times as needed
_	Center for Blood Research, Inc.
Address:	800 Huntington Avenue
	Boston, MA 02115
Building:	N/A
Floor/Room:	First and second floor rodent rooms
Contact Person:	Phone No.:
Building:	
•	
	Phone No.:
nite No.: Name/Department:	
Contact Person:	Phone No.:

This report is required by law (7 USC 2143). Failure to report according to the regulations

See attached form for additional information Interagency Report Con

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0109

CUSTOMER NUMBER: 151

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Wheaton College

Rt. 123 Norton, MA 02766

Telephone: (508) -286-5<del>642</del> 58 9

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Hychobiology Dupts Biology 3 1201 . 130 134

FACILITY LOCATIONS (Sites) - See Atached Listing

Contact:

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
nla				0
mla				0
tola				0
nla				0
Trla				0
Ma				0
n/a				0
1/a				0
7/0				0
Na				0
			·	
	teaching, testing, experiments, research, or surgery but not ye  Tha  Tha  Tha  Tha  Tha  Tha  Tha  Th	teaching. testing. experiments, research, or surgery but not ye  Na  Na  Na  Na  Na  Na  Na  Na  Na  N	teaching, testing, experiments, research, or surgery but not ye  Na  Na  Na  Na  Na  Na  Na  Na  Na  N	testing, testing, conducted conducted involving accompanying pain or distress, or surgery but not ye surgery or tests. (An explanation of the teaching, research, experiments, and for which appropriate anesthetic, a surgery or tests. (An explanation of the teaching, research, experiments, and the reasons such drugs were not used must be altached to surgery or tests. (An explanation of the teaching, research, experiments, surgery, or tests. (An explanation of the teaching, research, experiments, and for which appropriate anesthetic, a surgery or tests. (An explanation of the teaching, research, experiments, surgery, or tests. (An explanation of the teaching, research, experiments, surgery, or tests. (An explanation of the teaching, research, experiments, surgery, or tests. (An explanation of the teaching, research, experiments, and the reasons such drugs were not used must be altached to surgery or tests. (An explanation of the teaching, research, experiments, surgery, or tests.)

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNATU

DATE SIGNED

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0112

CUSTOMER NUMBER: 152

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Whitehead Institute For Biomedical Research Nine Cambridge Center Cambridge, MA 02142

Telephone: (617) -258-5104

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Alached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )				
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs					0
5. Cats					Ö
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primate					0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals					0
13. Other Animals					0
					÷
-					

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.

DATE SIGNED 11/24

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

Hered with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) ALKERMES, INC 64 SIDNEY ST

2. HEAI 14-R-0150 Cust ld 10717

CAMBRIDGE, MA 02139

DEC 112 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Sites)

345 Vassar St

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilitzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F.  TOTAL NO.  OF ANIMAL:  (Cols. C +  D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		600	370972		972
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

### ASSURANCE STATEMENTS

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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

See attached form for additional information

. . . . . . .

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2002 hteragency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0151 CUSTOMER NUMBER: 11236

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

Astrazenca 35 Gatehouse Dr Waltham, MA 02451

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (781) -839-4566

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs	0	0	D	0	D
5. Cats	0	0	0	0	٥
6. Guinea Pigs	0	D	0	0	0
7. Hamsters	D	0	D	0	0
8. Rabbits	D	0	0	0	0
9. Non-human Primate	D	D	0	0	0
10. Sheep	0	0	0	0	0
11. Pig <b>s</b>	D	D	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	D	Ö	0	0	<i>o</i>

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUA	RTERS RE	SEARCH FA	CILITY OFF	ICIAL
( Chief Executive Officer or Leg	ally Respon	sible Institut	ional Official	)

SIGNATURE (

DATE SIGNED

9/24/02

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0152

CUSTOMER NO. 12456

FORM APPROVED OMB NO 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary )

•	HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with	USD
	include Zip Code)	
	GWATHMEY, INC.	

GWATHMEY, INC.
763 CONCORD AVE BLDG E DEC 26 2002 (617) 491-0022

FACILITY LOCATIONS(sites)					
See Attached Listing					
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held-for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ONLY USED LA	BORATURY	RATS AND	MICE THE	LAST TWO YEARS	
					·
ASSURANCE STATEMENTS					

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, pnor to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
(Chief Executiv	ve Officer or Legally Responsible Institutional official)	
I certify that th	e above is true, correct, and complete (7 U.S.C. Section 2143)	
CICNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	THAME ? TITLE OF CEO. OF INSTITUTIONAL OFFICIAL (Type of Print)	DATE SIGNED
		12/14/02

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. CERTIFICATE NUMBER: 14-R-0153

CUSTOMER NUMBER: 471

FORM APPROVED OM8 NO. 0579-0036

Sera Source, Inc. P.O. Box 58 58 S. Royalston Road Royalston, MA 01368

Telephone: (978) -249-0974

1. REPORTING FACILITY (	List all locations where anim	als were housed or used in	actual research, testing, or experime	ntation, or held for these purposes. Attach additional sheets if ne	cessary)
ite 1 2 58 South	ROOMS/Bldg Royalstoned	Royalston, M	TY LOCATIONS (Sites) - See A	lached Listing	
REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY / Attach addition	al sheets if necessary or use APHIS Form 7023A \	
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
I. Dogs				: :	
5. Cats			į.		
3. Guinea Pigs					
7. Hamsters	3	15			18
3. Rabbits	20	120			120
Non-human Primate					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
Conts		3			3
3. Other Animals					
					ie .
	+	1			

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNAT	pr Print	10/10/02

APHIS FORM 7023 ( AUG 91 ) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0154

CUSTOMER NUMBER: 148

FORM APPROVED, OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

**Baystate Medical Center** 759 Chestnut Street Springfield, MA 01199

Telephone: (413) -794-4356

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )					
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
4. Dogs						
5. Cats	3		3			
6. Guinea Pigs						
7. Hamsters						
8. Rabbits						
9. Non-human Primate						
10. Sheep						
11. Pigs	27		27			
12. Other Farm Animals						
13. Other Animals						
					:	

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

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	CERTIFICATION BY HEADQUARTERS RESEARCH I ( Chief Executive Officer or Legally Responsible Instit		
SIG		ype or Print	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0155

CUSTOMER NUMBER: 13275

FORM APPROVED OMB NO. 0579-0036 \

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Massachusetts College Of Pharmacy & Health 179 Longwood Ave

Boston, MA 02115

Telephone: (617) -732-2942

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	
4. Dogs	NA				
5. Cats	NA	·			
6. Guinea Pigs	NA				
7. Hamsters	0	0	1865	0	1865
8. Rabbits	NA				
9. Non-human Primate	NA	-			
10. Sheep	NA				
11. Pigs	NA				
12. Other Farm Animals	NA				
13. Other Animals	NA				
				·	

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED 11/25/0

Interagency Report Control N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0156

> CUSTOMER NUMBER: 749

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Capralogics, Inc. 315 Czeski Road +235 Czeski Road P.O. Box 356

Hardwick, MA 01037

Telephone: (413) -477-6612

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, expenments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs	_				
5. Cats	-				
6. Guinea Pigs	_				
7. Hamsters	_				
8. Rabbits	~		301		301
9. Non-human Primate				:	
10. Sheep	4		7		7
11. Pigs		ک			2
12. Other Farm Animals					
Goats	53		48		48
13. Other Animals					
Equine			į		: 1

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICE	AL.	
	( Chief Executive Officer or Legally Responsible Institutional Official )		
SIGN		ICIAL (Type or Print	DATE SIGNED
			11/12/12
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Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

# 1. CERTIFICATE NUMBER: 14-R-0157 CUSTOMER NUMBER: 14167

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Cell Signaling Technology, Inc. 166 B Cummings Center Beverly, MA 01915

Telephone: (978) -867-2300

DEC 1 0 2002

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

16.4 B Cummings Center, Becarly MA

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )						
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)	
4. Dogs	0	0	0	0	0	
5. Cats	0	0	0	0	0	
6. Guinea Pigs	0	0	0	O	0	
7. Hamsters	0	0	D	0	0	
8. Rabbits	0	0	2	0	2	
9. Non-human Primate	0	0	Ŏ	0	0	
10. Sheep	0	0	0	O	0	
11. Pigs	0	0	0	0	0	
12. Other Farm Animals	0	Ò	0	0	D	
13. Other Animals	0	0	0	0	6	
					•	

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )		
	ype or Print	DATE SIGNED

Interagency Report (

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0158

CUSTOMER NUMBER: 15072

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

T.E.I. Biosciences 7 Elkins St Boston, MA 02127

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -268-3282

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )						
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expenments, research, or surgery but not y€	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to		
4. Doğs	0	<u> </u>	0	0	0	
5. Cats	D	Ó	0	0	6	
6. Guiriea Pigs	Ô	$\bigcirc$	$\bigcirc$	Ŏ	0	
7. Hamsters	0	Ô	Ó	0	0	
8. Rabbits	6	0		0	6	
9. Non-human Primate	Ó	6	Ö	0	0	
10. Sheep	Ó	Ô	0	0	6	
11. Pigs	0	Ô	Ò	0	O O	
12. Other Farm Animals	O	0	8	()	0	
13. Other Animals	6	Ó	6	Ó	0	

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The atte	anding veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	f animal care and
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
SIGNATURE		DATE SIGNED

APHIS FORM ( AUG 91

Interagency Report Control No..

This report is required by law (7 USC 2143). Failure to report according to the regulations can

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0159
CUSTOMER NUMBER: 16296

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

(1112 3111 11111)

Bristol-Myers Squibb Medical Imaging, Inc 331 Treble Cove Road North Billerica, MA 01862

Telephone: (800) -362-2668

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Weifare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	5		35		35
5. Cats					Ċ
6. Guinea Pigs					C
7. Hamsters		10			10
8. Rabbits	16		4.3		43
9. Non-human Primate	5				0
10. Sheep					Ċ
11. Pigs					C
12. Other Farm Animals					C
13. Other Animals					c

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

CONTINE OF CEO OF INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL. / Type or Print

DATE SIGNED

10/6/0

Interagency Report Contro

This report is required by law (7 USC 2143). Failure to report according to the regulations

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0160

CUSTOMER NUMBER: 10943

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Tga Sciences, Inc. 47 Hall Street Medford, MA 02155

Telephone: (781) -393-6910

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

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FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )					
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs	0	,			
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-human Primate	0				
10. Sheep	0				
11. Pigs	0				
12. Other Farm Animals	0				
13. Other Animals	0				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
SIGNA		or Print	9/20/02

additional information

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0161 CUSTOMER NUMBER: 1658

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Tranxenogen, Inc. P.O. Box 707 Mo 800 Boston ているからとと

Shrewsbury, MA 01545

Telephone: (508) -842-5036

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

Acres Research Facility te nion tead pps

FACILITY LÓCATIONS (Sites) - See Atached Listing

NORTON MA 02766 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, expenments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dog-					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs	Z				
12. Other Farm Animals					
13. Other Animals					
					, i

## **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print

DATE SIGNED

s obsolete.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. CERTIFICATE NUMBER: 14-R-0162 CUSTOMER NUMBER: 17008

FORM APPROVED Ch OMB NO. 0579-0036

Nucryst Pharmaceuticals 50 Audubon Rd Suite B Wakefield, MA 01880

2202

Telephone: (781) -246-6053

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Wokefield, MA.

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY I Attach addition	is sneets if necessary or use APHIS Form 7023A	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs			10		10
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				·	·

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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4) The attending veternion	nan in the record of had my had appropriate of			
			RTERS RESEARCH FACILITY OFFICIAL Ully Responsible Institutional Official )	
SIGNA			& TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print	DATE SIGNED
(AUG 91)	l	esolete.		

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0163

CUSTOMER NUMBER: 16321

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Essential Therapeutics Inc 1365 Main St Waltham, MA 02451

Telephone: (781) -647-5554

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

## FACILITY LOCATIONS ( Sites ) - See Atached Listing

REPORT OF ANIMALS I	JSED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY ( Attach additiona	I sheets if necessary or use APHIS Form 7023A )	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats		Λ			
6. Guinea Pig <b>s</b>		As co			
7. Hamsters		Acous	C		·
8. Rabbits		~	1 70 0		
9. Non-human Primate			Rice		
10. Sheep			Qu)		
11. Pigs			U	His a	
12. Other Farm Animals				lon.	
				O Williams	
13. Other Animals				1001	
				000	9.

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0114

CUSTOMER NUMBER: 1792

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Biology Department 50 College Street South Hadley, MA 01075

Mount Holyoke College

Telephone: (413) -538-2149

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

DEPORT OF ANIMAL CLIEFT BY OR HADER CONTROL OF RESEARCH EACH ITY / Amond additional about if accessor as you ARMS Form 7022A

FACILITY LOCATIONS (Sites) - See Atached Listing

REPURT OF ANIMALS	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY FACILITY FACILITY ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY FA				
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which expenments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	to the animais and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the	
4. Dogs		···			
5. Cats					
6. Guinea Pigs					
7. Hamsturs					
8. Rabbits					
9. Non-human Primate					
I0. Sheep					
11. Pigs					
2. Other Farm Animals					
3. Other Animals					
					,
		NO ANIM	ALS IN ANY OF	THESE CATEGORIES USED	0

## **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

DATE SIGNED

11/21,

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

FINAL REPORT

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

GI Reg. October 1, 2001 - April 4, 2002

1. CERTIFICATE NUMBER: 14-R-0116

CUSTOMER NUMBER: 153

FORM APPROVED OMB NO. 0579-0036

Genetics Institute, Inc. 87 Cambridge Park Drive Cambridge, MA 02140

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, lesting, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropnate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		6	46		52
5. Cats				-	
6. Guinea Pigs		8	587		595
7. Hamsters					
8. Rabbits		1	89		90
9. Non-human Primate -	70		43		43
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					7

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

CONFIDENTIAL

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0119

CUSTOMER NUMBER: 143

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Marine Biological Laboratory 7 Mbl Street Woods Hole, MA 02543

Telephone: (508) -289-7480

NOV 29 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

## FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, - conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits			4		4
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Chickens			116		116
13. Other Animals					
Sand Rat (Gerbil)			97		97

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research; teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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C	ERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

11/22/02

APHIS FORM 7023 ( AUG 91 ) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.



DEC 0.4. 2002 See attached form for additional information

Interagency Report Co

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0123

CUSTOMER NUMBER: 154

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Genzyme Corporation One Kendall Square Building 1400 Cambridge, MA 02139

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (617) -252-7500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

### FACILITY LOCATIONS (Sites) - See Atached Listing

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEF OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs			504	·	504
7. Hamsters					
8. Rabbits			278		278
9. Non-human Primate					
10. Sheep					
11. Pigs			98		98
12. Other Farm Animals					
Goats	25	25	33		58
13. Other Animals					
					÷

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )

> DATE SIGNED 102

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0126

CUSTOMER NUMBER: 155

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Advanced Magnetics, Inc. 61 Mooney Street

Telephone: (617) -497-2070

Cambridge, MA 02138

OCT 23 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Alached Listing R+D AT 4300E ADDRESS

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, expenments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	producing pain or distress in these animals and the	
4. Dogs	0	0	0	0	$\mathcal{D}$
5. Cats	0	Ŏ	D	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	$\mathcal{D}$
: Rabbits	U	0	0	0	0
9. Non-human Primate	0	0	0	0	0
10. Sheep	0	0	Ö	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	O	0	0	0
13. Other Animals	0	0	0	0	0
					· ·

## ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

SIGNA

DATE SIGNED 10/17/UZ This report is required by law ( 7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150 additional information

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-00128 FORM APPROVED OMB NO. 0579-0036

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

## ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Harvard University Faculty of Arts & Sciences 24 University Hall Cambridge, MA 02138 Status: Active

with the USDA, include Sip Code)

ORIGINAL

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

#### **FACILITY LOCATIONS (Sites)**

See attached.

See attached.

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) B. Number of C. Number of A. D. Numbers of animals E. Number of animals upon which teaching, F. animals being animals upon upon which experiments, experiments, research, surgery or tests were Animals Covered bred. which teaching teaching, research, conducted involving accompanying pain or By The Animal conditioned, or research. surgery, or tests were distress to the animals and for which the use of Welfare Regulations held for use in experiments or conducted involving appropriate anesthetic, analgesic, or TOTAL NO. teaching, tests were accompanying pain or tranquilizing drugs would have adversely OF ANIMALS testing, conducted distress to the animals affected the procedures, results, or involving no and for which appropriate experiments. interpretation of the teaching, research, research, or pain, distress. anesthetic, analgesic, or (Cols. C+ experiments, surgery, or tests. (An explanation surgery but not or use of pain tranquilizing drugs were of the procedures producing pain or distress in D + E) yet used for relieving used. these animals and the reasons such drugs such purposes. drugs. were not used must be attached to this report.) 0 0 Dogs 0 0 0 Cats 0 0 0 0 0 6. Guinea Pigs 0 0 0 0 0 7. Hamsters 0 0 0 0 0 8. Rabbits 0 0 6 O 6 9. Non-human Primates 0 39 0 0 39 0 0 10. Sheep 39 0 39 11. Pigs 0 0 15 0 15 12. Other Farm Animals Goats 0 0 17 0 17 13. Other Animals 0 Alligators 1 3 0 3

## **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIA

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIA

DATE SIGNED

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-00128

FORM APPROVED OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)  HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Harvard University
Faculty of Arts & Sciences
24 University Hall
Cambridge, MA 02138
Status: Active

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) A. B. Number of C. Number of D. Numbers of animals E. Number of animals upon which teaching, F. upon which experiments, animals being animals upon experiments, research, surgery or tests were Animals Covered bred. which teaching teaching, research, conducted involving accompanying pain or By The Animal conditioned, or research. surgery, or tests were distress to the animals and for which the use of Welfare Regulations experiments or conducted involving appropriate anesthetic, analgesic, or held for use in TOTAL NO. accompanying pain or teaching, tests were tranquilizing drugs would have adversely OF ANIMALS testing, conducted distress to the animals affected the procedures, results, or experiments, involving no and for which appropriate interpretation of the teaching, research, 12. &/OR 13. Other research, or pain, distress, anesthetic, analgesic, or experiments, surgery, or tests. (An explanation (Cols. C+ (List by Species) surgery but not or use of pain tranquilizing drugs were of the procedures producing pain or distress in D + E) yet used for relieving used. these animals and the reasons such drugs such purposes. drugs. were not used must be attached to this report.) 13. Other :.. continued Birds (wild caught) 0 O 41 0 41 n Chinchillas 0 1 0 0 0 0 Ducks (mailards) 42 0 42 19 0 0 \_Emus 0 0 0 0 Ferret, European 1 0 0 Geese 0 0 4 0 4 Guinea fowl 0 0 37 0 37 0 0 Hedgehog, African 1 0 0 Hyraxes 0 0 4 0 4 Opossum 1 0 0 0 1 Owl, screech 1 0 0 0 0 Tinamous 0 0 7 0 7

1. Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

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2. Each principal investigator has considered alternatives to painful procedures.

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- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

Wallabies

**ASSURANCE STATEMENTS** 

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL

0

DATE SIGNED

4

11/26/02

## **FACILITY SITES LISTING**

Licensee/Registrant Name:

Harvard University

Faculty of Arts & Sciences

License/Registration Number:

1

14-R-128

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Office of Animal Resources (OAR)

Address:

Harvard University Cambridge, MA 02138

(1) Building:

Floor/Room:

The Biological Laboratories - 16 Divinity Avenue Fifth Floor

Contact Person:

Phone Number:

(2) Building:

Floor/Room:

Museum of Comparative Zoology - 26 Oxford Street First and Second Floors

Contact Person: Phone Number:

(3) Building:

Floor/Room:

Contact Person:

Phone Number:

(4) Building:

Floor/Room: Contact Person:

Phone Number:

William James Hall - 33 Kirkland Street

10th Floor

Fairchild Biochemistry Building - 7 Divinity Ave.

Lower Level

Site No.:

2

Name/Department:

Concord Field Station (CFS)

Address:

Old Causeway Road, Bedford MA 01730

Building:

ding: Main and fields

Floor/Room: Contact Person:

Phone Number:

First Floor and Grounds

See reverse side for additional information. Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0133

CUSTOMER NO. 149

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

include Zip Code) TRANSKARYOTIC THERAPIES INC.

195 ALBANY STREET

CAMBRIDGE, MA 02139

All redactions on this page are pursuant to (b)(6) & (b)(7)(c). (617) 491-7630 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach sheets if necessary.) FACILITY LOCATIONS (sites) See Attached Listing

A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					•
11. Pigs					
12. Other Farm Animals				,	
13. Other Animals					
		٠.		·	
•					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, teating, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal invastigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report in addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other

200000 01 011111101 0011 0111			
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional official)	<b>1</b>	
SIGNATURE		e or Print)	DATE SIGNED
			11/26/02

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0134 CUSTOMER NO. 518

FORM APPROVED OMB NO. 0579-0036

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USCA, include Zip Code)

EISAI RESEARCH INSTITUTE OF BOSTON, INC. 4 CORPORATE DRIVE ANDOVER, MA 01810

•		F	ACILITY LOCATIONS(sites)		
EIISAI RESEARCH INSTITUT ANDOVER, MA 01810					
EIISAI RESEARCH INSTITUT WILMINGTON, MA 01877	E				
REPORT OF ANIMALS USED BY	OR UNDER CONTROL O	F RESEARCH FACILITY	(Attach additional sheets if neces	sary or use APHIS FORM 7023A )	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain distress or use of pain-relieving drugs	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					r
ASSURANCE STATEMENTS					
4) O-4				of anaethetic analogoic and tranquillating doing prior to	di ann

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all the exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTERS RESEARCH FACILITY OFFICIAL  fficer or Legally Responsible Institutional official)  ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		12/02/2002

14-R 0135 NOV 29 2003

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

Ateragency Report Control No See reverse side for #15 additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-12-0134 FORM APPROVED

OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA.

## ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Include Zip Code) ABBOIT BIORESEARCH CONTR 100 RESTARCH DZ.

WORKSTER MA 01605

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

**FACILITY LOCATIONS (Sites)** 

RESEARCH DR.

A.	B. Number of	C. Number of	D. Number of animals upon	E. Number of animals upon which teaching,	F.
Animals Covered By The Animal Welfare Regulations .	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teach, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	c	0
7. Hamsters	0	0	0	0	ಲ
8. Rabbits	0	0	0	0	0
9. Non-human Primates	o	0	0	0	0
10. Sheep	δ	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	o	0	0	0	0

## ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during and following actual research teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and umber of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

<b>CERTIFICATION BY</b>	HEADQUARTERS	RESEARCH	FACILITY	OFFICIAL
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(Chief Executive Officer of Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE DE CEO OR INSTITUTIONAL DEFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

API (AUG 91)

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0137 CUSTOMER NUMBER: 1658

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Tranxenogen, Inc. P.O. Box 707 Mo Shrewsbury, MA 01545

elenhone: (508) -842-5036

Telephone: (508) -842-5036

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

## FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS	DOED BY OK DUDEK (	CONTROL OF RESEAR	Un FAUILITY ( Attach additiona	al sheets if necessary or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs			_		
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs	2.		·		
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL. (Type or Prin.	DATE SIGNED

additional information

This report is required by law (7 USC 2143). Failure to report according to the regulations can

> UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0140

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

12 Oak Park Drive Bedford, MA 01730

Nitromed, Inc.

CUSTOMER NUMBER:

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Telephone: (781) -685-9700

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

UITRORED, INC. FACILITY LOCATIONS (Sites) - See Atached Listing 12 OAK PARK DA., BEDFORD,

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )									
A.  Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)
4. Dogs		- "						·	
5. Cats									
6. Guinea Pigs									
7. Hamsters							I		
8. Rabbits						130			130
9. Non-human Primate									
10. Sheep									
11. Pigs									
12. Other Farm Animals		`							
13. Other Animals			-				-		
							$\dagger$		•
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#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

SIGNA

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0141 CUSTOMER NUMBER: 1767

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Antigenics, Inc. 34 Commerce Way Woburn, MA 01801

NOV 1 5 2002

Telephone: (781) -721-3500

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

Animal Facility

REPORT OF ANIMALS I	JSEL	BY OR UNDER C	TNO	ROL OF RESEAR	CH F.	ACILITY ( Attach additiona	she	eets if necessarv or use APHIS Form 7023A )	
A.  Animals Covered By The Animal Welfare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not y€	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E.	Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBEF OF ANIMALS  (COLUMNS C+D+E)
4. Dogs									
5. Cats									
6. Guinea Pigs									
7. Hamsters									
8. Rabbits								-	
9. Non-human Primate									
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
			Γ	<u> </u>					
	<del>                                     </del>								

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

ACCURATION BY HEADQUARTED RESCARCUEA OF TWO OFFICIAL	
SIGNATUF DATE:	ATE SIGNED
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	11200

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This report is required by law (7 USC 2143). Fallure to report according to the regulations can result in an order to cases and desist and to be subject to permittee as provided for in Section 2150.

See reverse side for additional Information.

ncy Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0142

FORM APPROVED

## ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1779 OMB NO. 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

include Zip Code)

ANTIGENICS, INC., A MASSACHUSETTS CORPORATION 175 CROSSING BLVD

FRAMINGHAM, MA 01702 (508) 528-0100

CUSTOMER NO.

3.	REPORTING FACILITY	Y (List all locations where animals were housed or used in actual research, lesting, teaching, or experimentation, or hald for these purposes. A	itach additional
	sheets if necessary.)		

FACILITY LOCATIONS(stes)

See Attached Listing Animal Facility-175 Crossing Blvd Framingham, MA 01702

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

A. Animals Covered By The Animal Wettare Regulations	Number of animals being bred, conditioned, or held for use in teaching, leading, experiments, research, or surgery but not yet used for such purposes,	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the enimals and for which appropriate anesthetic, analigesic, or tranquilizing crugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lestic were conducted involving accompanying pain or distress to the animals and for which the use of appropriate sneathetic, analysisic, or tranquilizing drugs would have adversely affected the procedures, results, or interprotation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pein or distress in these animals and the reasons such drugs were not used must be attached to this report)	F. YOTAL NO. OF ANIMAL! (Cols. C • D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					١
7. Hamsters					
8. Rabbits					
9. Non-Human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					l

- 1) Professionally ecceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthotic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered attemptives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A numerary of all the exceptions is attached to this annual report, in addition to identifying the IACUC-approved exceptions, this summary includes a brist explanation of the exceptions, as well as the species and number of snirrais affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other espects of animal care and use.

ſ	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	
I		
ŀ	SIG	DATE SIGNED
ı		11-12-02
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PART 1 - HEADQUARTERS

Interagency Report Control

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0143

Vertex Pharmaceuticals, Inc.

CUSTOMER NUMBER: 1788

FCRM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Cambridge, MA 02139

Telephone: (617) -577-6607

130 Waverly Street

(617) 444-6100

NOV 2 6 2002

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  (COLUMNS C+D+E)
4. Dogs					
5. Cats					
6. Guinea Pigs	_0	0	0	0	0
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					r.

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

-								
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL							
SIGNATU		DATE SIGNED 11/25/02						

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

OCT 07 2002

## ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. CERTIFICATE NUMBER: 14-R-0145

CUSTOMER NUMBER: 1802

FORM APPROVED OMB NO. 0579-0036

U C B Research, Inc. 840 Memorial Drive Cambridge, MA 02139

Telephone: (617) -547-0033

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

840 Memorial Drive, 1st flacility LOCATIONS (Sites) - See Atached Listing Cambridge, MA 02139

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, o held for use in teaching, testing, experiments, research, or surgery but no	which leaching, research, experiments, or tests were conducted involving no pain, distress, or	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs		2153	348		2501
7. Hamsters					
8. Rabbits					
9. Non-human Primate					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					r.

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

This report is required by law (7 USC 2143). Failure to report according to the regulations can

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0148

CUSTOMER NUMBER: 9446

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Davinci Biomedical Research Products, Inc. 20 Maria St.

20 Maple St Po Box 1125

South Lancaster, MA 01561

Telephone: (978) -368-3477

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

P.O BIALIES

FACILITY LOCATIONS (Sites) - See Atached Listing

South Lunguster MA 01564

A.  Animals Covered By The Animal Weifare Regulations	В.	Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C.	Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	F.  TOTAL NUMBE OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	Γ				93			93
5. Cats				•	0	I		0
6. Guinea Pigs	Γ				0	$\int$		0
7. Hamsters					0	$\mathbb{I}$		O
8. Rabbits				9	9			9
9. Non-human Primate				91	97	I		97
10. Sheep				16	16			16
11. Pigs				25	25	I		25
12. Other Farm Animals				8	8	-		8
13. Other Animals						$\pm$		
						I		
	-		_			+		
				1000 Marie 1100 Marie 1				

## ASSURANCE STATEMENTS

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CERTIFICATION	BY HEADQUART	TERS RESEARCH	FACILITY OFFICIAL

/ Chief Executive Officer or Legally Responsible Institutional Official

DATE SIGNED

11-19-04

See attached form for Interagency Report Contr. No.: additional information

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 14-R-0159149 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Bristol-Myers Squibb Medical Imaging, Inc 331 Treble Cove Road North Billerica, MA 01862

Telephone: (800) -362-2668

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

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4. Dogs	5		1		6
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primate	5				5
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
					• .

### ASSURANCE STATEMENTS

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CERTIFICATION	BY HEADQUAR	RTERS	RESEAF	RCH FACIL	ITY OFF	ICIAL
(Chief Executive	Officer or Lega	ally Res	ponsible	Institutiona	al Official	)

SIGNATURE OF CEO OR INSTITUTIONAL OFFICIA

TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print

## APHIS Form 7023 Site List

The following sites have been reported by the facility.

Registration Number:

16-R-0003

Customer Number:

49

Facility:

WESLEYAN UNIVERSITY

OFFICE OF ACADEMIC AFFAIRS

MIDDLETOWN, CT 06459

(203) 685-2010

WESLEYAN UNIVERSITY

SHANKHXKAB HALL-ATWATER & SHANKLIN LABS, JUDD HALL

MIDDLETOWN, CT 06459